

Application/Control Number: 10/676,143

Page 2

Art Unit: 2800

CLMPTO

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Cancelled claims 1-10

11. An electro-optical device comprising, on a substrate, data lines extending along a first direction, scanning lines extending along a second direction intersecting the data lines, and pixel electrodes and thin film transistors arranged to correspond to intersection regions between the data lines and the scanning lines, the electro-optical device further comprising:

storage capacitors that are electrically coupled to the thin film transistors and the pixel electrodes; and

relay electrodes that are arranged below the pixel electrodes and the storage capacitors, respectively,

one electrode of a pair of electrodes constituting each storage capacitor being electrically coupled to the pixel electrode through the relay electrode.

12. The electro-optical device according to Claim 11, the storage capacitor being formed on a surface having a step.

13. The electro-optical device according to Claim 11, the one electrode being a pixel-potential-side capacitor electrode electrically coupled to the pixel electrode and the thin film transistor,

the storage capacitor comprising the pixel-potential-side capacitor electrode, a fixed-potential-side capacitor electrode arranged to face the pixel-potential-side capacitor

electrode and having a fixed potential, and a dielectric film interposed between the pixel-potential-side capacitor electrode and the fixed-potential-side capacitor electrode; and

the dielectric film comprising a laminate including a layer made of a high dielectric material.

14. The electro-optical device according to Claim 11, the relay electrodes being formed using a same material as the gate electrodes of the thin film transistors included in the scanning lines.

15. The electro-optical device according to Claim 11, the fixed-potential-side capacitor electrode being formed to cover the pixel-potential-side capacitor electrode.

16. An electronic apparatus utilizing an electro-optical device according to Claim 11.